

To: Laidlaw, Tina[Laidlaw.Tina@epa.gov]
From: Blend, Jeff
Sent: Wed 1/14/2015 10:13:47 PM
Subject: FW: Emailing: WWTP__list2008surfacedischarge_Total Nutrient Affect UNIVERSE.xlsx
WWTP__list2008surfacedischarge_Total Nutrient Affect UNIVERSE.xlsx

Tina:

Good news. I found our list of 107 (or so) WWTPs within the "nutrient universe". If I remember correctly, Paul L. and myself took that larger list of around 200 WWTPs in Montana. We deleted the ones that are on Indian Reservations, the ones that discharged into lakes and groundwater, the ones that otherwise do not discharge into state waters, etc. Some of the WWTPs were more like septic systems (such as subdivisions) and were not included. The list is attached. It is from 2008, so may need to be updated.

Your message is ready to be sent with the following file or link attachments:

WWTP__list2008surfacedischarge_Total Nutrient Affect UNIVERSE.xlsx

Jeff

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

INSPECTION LOG FOR PUBLIC WASTEWATER SYSTEMS (2008)

WATER POLLUTION CONTROL PROGRAM (WPCSRF)

COMMUNITY OR DISTRICT

ACT.

DES.

Dis.

Most Recent

Built

PLANT

DES.

CURR.

FLOW

FLOW

CL

and/or

or

Remove from list
(Trbrial/EPA
jurisdiction)

UV

TYPE

POP.

POP.

(MGD)

(MGD)

ND mode

CPE

INSP

Upgrade

ABSARKEE (Stillwater CSD RSID 5-7)

AL

1,250

1,067

0.395

0.350 UV

MT-0021750

Jun-00 U1986

ALBERTON

AL

540

422

0.040

0.054 no

MT-0021555

Feb-95

Oct-02 B1969 U1999

BAKER

FL

3,200

1,793

0.170

0.350 no

MT-G580029 w/SI

May-03 U1989

BELLE CREEK

FL

100

0.070

BELT

AL

825

601

0.050

0.155 no

MT-0021571

Apr-07 B1996

BIG SANDY

AL

731

0.090

CI

MT-0022454

Apr-00 U1984

BIG TIMBER

AL

2,255

1,653

0.390

no

MT-0020753

Jun-93

B2002

BIGFORK (CW&SD)

TF/CNR

5,412

1,200

0.500

UV

MT-0020397

Oct-92

U1998

BILLINGS

CAS

91,195

26.000

CI

MT-0022586

May-98

BOULDER

FL

2,500

1,665

0.105

0.250 no

MT-0023078

Sep-94 U1964

BOZEMAN

CAS

28,522

5.780

CI/SO

MT-0022608

Jul-04

B1982/U2001

BRADY (PONDERA CO. COMM.)

FL

559

170

0.031

0.062 no

MT-G580022

Aug-95 B1955/U60s

BRIDGER

AL

960

0.082

0.124

MT-0020303

Jun-00 U1990

BROADUS

FL

1,000

451

0.045

0.100 no

MT-G580015

Sep-04 B1967/U1980

BUTTE (SILVER-BOW METRO SID NO. 1)

CAS

34,051

8.500

CI

MT-0022012 w/SI

Oct-98

U1998

CHESTER

FL

1,100

871

0.067

0.168 no

MT-0020338

Jun-99

Aug-03 U1984

CHINOOK

OD

1,502

0.500

UV

MT-0020125

Mar-97

Sep-94

CHOTEAU

FL

2,400

1,749

0.300

no

MT-0020052 w/SI

May-94 B1954

CIRCLE

FL

2,000

644

0.065

0.160 no

MT-0020796

Nov-02 U1974

COLSTRIP

OD

4,800

0.600

CI

MT-0022373 w/SI

Sep-88

Sep-03

COLUMBIA FALLS

EAAS/CNR

6,000

3,645

0.370

0.600

CI

MT-0020036

Jul-89

May-94 U2001

COLUMBUS

AL

2,500

0.250

UV

MT-G580018 w/SI

Dec-99 B1999

| | | | | | | | | |
|-------------------------------|--------|---------|--------|--------|------------|------------------|--------|--------------|
| CONRAD | AL | | 2,900 | | 0.650no | MT-0020079 | Aug-95 | |
| CUT BANK | AccFL | 4,432 | 1,300 | | 0.643no | MT-0020141? | | Oct-02 U1996 |
| DARBY | FL | | 679 | | 0.155no | MT-G580011 | | Oct-02 U1980 |
| DEER LODGE | AL | | 3,550 | | 3.300UV | MT-0022616 w/SI | | Apr-92 B1999 |
| DENTON | FL | 440 | 293 | 0.030 | 0.044no | MT-0022462 | | Nov-04 B1999 |
| DILLON | AL | | 4,001 | | 1.100UV | MT-0021458 | Jul-86 | B1998 |
| DRUMMOND | FL | | 282 | | 0.008no | MT-G580002 | | Aug-93 U2002 |
| DUTTON | FL | 500 | 401 | 0.030 | 0.050no | MT-G580023 | Jul-01 | Apr-00 B1973 |
| EAST HELENA | AL | | 1,638 | | 0.637UV | MT-0022560 | Jul-87 | |
| EDGAR (Carbon CSD) | FL | 200 | 100 | 0.020 | 0.010no | MT-G000043 | | Nov-03 B1967 |
| EKALAKA | AL | 635 | 410 | 0.030 | 0.051UV | MT-0020371 | | Sep-04 U1988 |
| ENNIS | AL | 1,000 | 840 | 1.000 | 0.085no | MT-G580030 | | Jun-97 B2004 |
| EUREKA | AL | 2,045 | 1,017 | 0.100 | 0.350no | MT-G580032 | Apr-92 | Jul-04 U2002 |
| FAIRVIEW | FL | 1,693 | 709 | 0.194 | 0.160no | NDG125356 | | Jun-05 U1985 |
| FALLON (PRAIRIE CSD) | FL | 300 | 138 | 0.014 | 0.030no | MT-G580025 w/TC | | May-03 B1969 |
| FORSYTH | OD | 5,000 | 1,944 | 0.248 | 0.540CI | MT-0021288 | Sep-93 | Sep-03 B1978 |
| FORT BENTON | AL | 1,700 | 1,695 | 0.254 | 0.255no | MT-0021601 | | B1991 |
| FORT PECK HOUSING AREA | FL | 545 | 281 | 0.051 | 0.098no | MT-G580019 | Jul-94 | Sep-05 U1995 |
| FROID | FL | | 230 | | 0.040no | MT-G580028 | Jul-96 | Jul-94 B1995 |
| FROMBERG | AL | 535 | 486 | 0.058 | 0.064no | MTG580033 | | Oct-02 B1990 |
| GARDINER (PARK CSD RSID 5) | AL | 851 | 300 | 0.270 | 0.470CI | MT-0022705 w/ IP | | Oct-02 U1992 |
| GERALDINE | AccFL | 361 | 284 | 0.060 | 0.116no | MT-G580016 | Sep-95 | Oct-05 B2001 |
| GLACIER PARK HDQTRS APGAR NPS | SBR | | | | | SI | | B2004 |
| GLASGOW | AL | 7,000 | 3,656 | 0.600 | 0.700no | MT-0021211 | May-98 | U1999 |
| GLENDIVE | AL | | 4,621 | | 1.300no | MT-0021628 | | Jun-95 B1959 |
| GRASS RANGE | FL | | 166 | | 0.035no | MT-0030309 | | Mar-96 |
| GREAT FALLS | CAS | 120,000 | 57,758 | 13.360 | 21.100CI | MT-0021920 | May-93 | B1974 |
| HAMILTON | OD/BNR | | 4,059 | | 1.984CI | MT-0020028 | May-90 | Jan-95 U1999 |
| HARLEM | AL | | 884 | | 2.000CI | MT-0021270 | Jun-90 | Sep-93 |
| HARLOWTON | AL | 1,372 | 1,062 | 0.166 | 0.215CI | MT-0020354 | May-93 | B1998 |
| HAVRE | CAS | | 10,250 | | 1.800CI/SO | MT-0022535 | Oct-94 | U2000 |
| HELENA | BNR | | 27,982 | | 6.000UV | MT-0022641 | Dec-90 | |

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|------------------------------|----------|--------|--------|-------|----------|------------|--------|--------------------|
| HIGHWOOD (CHOUTEAU CSD) | AL | 258 | 150 | 0.015 | 0.026 UV | MT-0022080 | Feb-86 | Feb-04 B2000 |
| HINSDALE (VALLEY CSD #1) | EAAS | | 275 | | 0.030 UV | MT-0020656 | Oct-94 | Oct-97 B2004 |
| HOBSON | FL | 285 | 240 | 0.024 | 0.045 no | MT-0021636 | Sep-95 | Mar-04 B1994 |
| HYSHAM | FL | | 410 | | 0.100 no | MT-0021709 | Aug-90 | |
| JOLIET | AL | 934 | 580 | 0.070 | 0.620 no | MT-0020249 | Mar-87 | Oct-05 B1986 |
| JORDAN | FL | | 550 | | 0.800 no | Permit#? | | Nov-02 |
| KALISPELL | BNR | 31,800 | 15,678 | | 3.100 UV | MT-0021938 | Sep-94 | Nov-93 B1993 |
| LAUREL | RBC | | 6,255 | | 0.880 CI | MT-0020311 | Jun-94 | B 1985 |
| LAVINA | FL | 181 | 209 | | 0.022 no | MT-G580013 | Jul-97 | B2002 |
| LEWISTOWN | OD/BNR | 9,200 | 5,813 | 1.600 | 2.500 UV | MT-0020044 | Jul-87 | Feb-95 B2005 |
| LIVINGSTON | RBC | | 7,414 | | 2.000 CI | MT-0020435 | Apr-97 | Nov-93 |
| LOLO (MISSOULA CO. RSID 901) | CAS | | 2,100 | | 0.250 CI | MT-0020168 | Sep-95 | B/U2002? |
| MALTA | AL | | 2,304 | | 0.450 | MT-0020389 | | Apr-94 |
| MANHATTAN | BioWheel | 1,240 | 1,396 | 0.160 | 0.100 no | MT-0021857 | | Oct-95 B1962/U1984 |
| MEDICINE LAKE | FL | | 350 | | 0.033 | MT-G580024 | | |
| MILES CITY | OD | | 8,882 | | 2.000 CI | MT-0020001 | May-94 | |
| MISSOULA | BNR | | 51,204 | | 9.000 UV | MT-0022594 | Jan-88 | U2004 |
| NASHUA | FL | 435 | 325 | 0.042 | 0.048 no | MT-G580034 | | Oct-04 B2003 |
| OUTLOOK (SHERIDAN CSD) | FL | | 100 | | no | MT-G580026 | | Apr-97 |
| PARK CITY (Stillwater CW&SD) | AL | 1,360 | 1,015 | 0.095 | 0.136 UV | MT-G580007 | | Sep-06 B2003 |
| PHILIPSBURG | FL | | 1,000 | | 0.200 | MT-G580005 | Jun-95 | Jun-93 |

08)

| Status | |
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| Remove from list (Trbial/EPA jurisdiction) | |
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Peak flows to 0.9./Fac Plan 2003

Algal viols/cell 2 disch. WPB/12 hr on-off sched?

Odors, mixers needed, SI land agreement and other SI info.

EST. POP./PRIVATE?

discharge point/minimal lift sta storage & backup pwr issue

F/U:O&M, chlorination, violations, aerators, etc.

Odors, aerator run times (24 off/4 on?)

F/U: Bill/Leaks, disinfection needed?

Major Upgrade 2001-2005

Leaking at discharge, aging system; **FP 2005**

Fac Plan: LS, Flow meas; valves; dikes; weeds; signs; ditch discharge (MPDES); permit renewal in progress

VNRP and SI issues

Org.Overload, Sludge 1ft, Age,Pop decrease,PER 2003?,odors spring 06.

FP 2001, Project 2003

SI odor complaint 2004; SI removed 2004 until permitted; flow measurement ?

FP needed/last one in 1983. LS overflow to Horse Cr.?

News: 1/04 Hook up fee hike. BNR on/off cycle.

F/P 2000 Greg/Project 2001?
Or MT0028894? Next Insp=2005
Fac Plan needed?
Summer LAS; MPDES Viol?; VNRPIssues; LS Upgrade 2003
Seasonal discharge mode; need back-up Op; Pre-discharge sampling inc f.c.; meas inf flows; control geese.
Bac-Gen Energy Study
2002 Coll. Sys. Project/Lagoon problems?
PER 2005: sludge, freeboard, flows
Project 2002-3 to EAAS/Paul; OpCert Class 3C to 1C
Active Permit? Cert Op? O&M?**Rob A rpt.**
UV, aeration and sludge removal part of Project 2004.
PER 2003/P&S 2004 - Mike A
C/Insp: No O&M Man; batch vs. continuous (bypass?) and flow?; permit renewal 9/30/04.
Flows?; O&M; New LS pumps - calibrate; Det Time?
Warning signs; freeboard
BODin=150% of Des.; Aging equip.; PER? Need CertOp?
Discharge to Inf Cell or Missouri; FY2004 Mike A
Flows est 180 gpcd
Proj 2004 - Tom S; Sewer, MH & Lagoon drains
Odor control aeration, 3C; **Compl Insp 7/08; Old permit? MT-0021466**
F/U: LS daylights to Yell. River.
High/L from storm - Mike A 7/2002; slump under liner 2006.
Building SBR 2004 to meet N&P limits.
Compliance Schedule in effect 2004; Proj 2005?
U1979/Imp1996/Crisafulli Pumping Aeration Sys
Doris' CPE results?
Solids project 2002; add'l load from AgPark (malting)
Track performance of BNR.

Need: Fnl O&M Man; Des Rpt; 157 gpcd/0.158mgd avg?Pop 1181 '80, 1049 '90

Violation: No DMRs for 2003-04; school pop and new developments?

F/U: Coll Sys Cleaning; Conf Space Prg; Flow values low?RegWtrAuth for new source

Flows are high, HDT short, I/I & sumps, PER.

Leaking; erosion; 2000PER; Amended 2001.

Includes Evergreen CWSD; PER 2004 for growth issues.

Ck: Des Pop vs Curr Pop; **Need Des Rpt.**;Reg Wtr Auth for new source
2004 convert to OD; Permit current, but N&P limits?; OpCert Class from 2C to 1C
Fac Plan? Upgrade RBC?

Proj 2006=Blowwheel; OpCert to 1C; **Need new DAR**

Upgrade to Mod-Johannesberg BNR:**Need DAR**

O&M Manual for new WWTP; mow weeds

F/U: Des Info, O&M Man

BOD viois, weeds, flow meas.